

**Water Resources Development Project Grant Program**  
**Electronic Application**

**Instructions:** Download and complete this form through Item I. Email the form as an attachment, along with Items II through V, to [jeff.bruton@ncdenr.gov](mailto:jeff.bruton@ncdenr.gov).

**Date:**

**Project Name:**

**Water Body:**

**County:**  **River Basin:**

**Coordinates in WGS-84** (-EW d.ddd, NS d.ddd)

**Eligible Purpose:**

**Amount Requested:** \$  Is the amount being requested the same as the amounts provided in the: Resolution ? Budget ?

**I. Sponsor and Primary Contact Information - (It is the applicant's responsibility to update this information as necessary.)**

**Project Sponsor (from Resolution)**

**Unit of Local Government**   
**Signatory (Name and Title)**   
**U.S. Postal Mailing Address**   
  
**Ten-digit Telephone Number**   
**Email Address**

**Primary Contact**

**Name**   
**U.S. Postal Mailing Address**   
  
**Ten-digit Telephone Number**   
**Email Address**

**II. Official Resolution:**

**III. Project Narrative:**

**IV. Project Plan and Location Map:**

**V. Project Budget:**

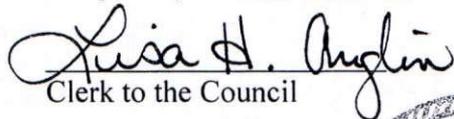
**Resolution Requesting State Assistance through the Shallow Draft Navigation  
Fund for the 2016 Shoreline Management & Pre-Dredge Analysis**

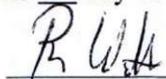
WHEREAS, the Sunset Beach Town Council desires to sponsor the 2016 Shoreline Management & Pre-Dredge Analysis to provide improved navigation access to the residents and guests of Sunset Beach;

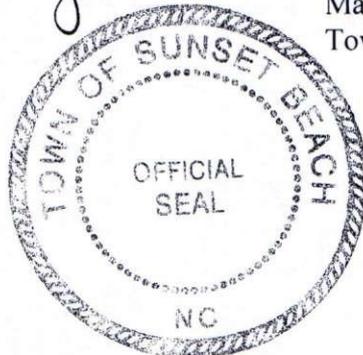
NOW, THEREFORE, BE IT RESOLVED THAT:

- 1) The Council requests the State of North Carolina to provide financial assistance to The Town of Sunset Beach for the 2016 Shoreline Management & Pre-Dredge Analysis in the amount of \$2,779,327 or 66.66% percent of the feasibility, design, permitting, construction and monitoring cost, whichever is the lesser amount;
- 2) The Council assumes full obligation for payment of the balance of project costs;
- 3) The Council will obtain all necessary State and Federal permits;
- 4) The Council will comply with all applicable laws governing the award of contracts and the expenditure of public funds by local governments.
- 5) The Council will supervise construction of the project to assure compliance with permit conditions and to assure safe and proper construction according to approved plans and specifications;
- 6) The Council will obtain suitable spoil disposal areas as needed and all other easements or rights-of-way that may be necessary for the construction and operation of the project without cost or obligation to the State;
- 7) The Council will assure that the project is open for use by the public on an equal basis with no restrictions;
- 8) The Council will hold the State harmless from any damages that may result from the construction, operation and maintenance of the project;
- 9) The Council accepts responsibility for the operation and maintenance of the completed project.

Adopted by the Sunset Beach Town Council this 27<sup>th</sup> day of June, 2016

  
Clerk to the Council

  
\_\_\_\_\_  
Mayor  
Town of Sunset Beach, NC



Town of Sunset Beach  
2016 Shoreline Management & Pre-Dredge Analysis  
Project Narrative & Site Plan

The Town of Sunset Beach intends to maintenance dredge approximately 3.5 miles of canals and feeder channels to support general navigation improvements for residents and guests of the Town. The work area includes Jinks Creek, which connects Tubbs Inlet with the Atlantic Intracoastal Waterway (AIWW), along with Mary's Creek and Turtle Creek. The work area also includes the North Shore Drive feeder canal and adjoining finger canals in addition to the Canal Drive Bay Area as shown the attached figure. Sediment shoaling induced from stormwater run-off and tidal currents threaten continued navigation within these passageways.

The proposed project would significantly improve access through the referenced waterways and establish a long-term template for maintaining the navigation depths. The project would also assist in managing the construction of future piers or docks by establishing a fixed deep water path through the water bodies. Once obtained, the proposed state and federal permit authorizations would provide a long standing record of the channel dimensions and alignment.

The project includes the following work areas encompassing approximately 3.5 miles of interior canals and waterway: (Figure 1 shows the referenced work areas in plan view.)

- Site 1: Mary's Creek ( $\pm$  1,100 ft).
- Site 2: Turtle Creek ( $\pm$  1,100 ft).
- Site 3: Jinks Creek ( $\pm$  6,800 ft).
- Site 4: North Shore Drive Feeder Canal ( $\pm$  3,500 ft).
- Site 5: North Shore Drive Adjoining Finger Canals ( $\pm$  3,600 ft).
- Site 6: Canal Drive Bay Area ( $\pm$  2,100 ft).

The Town proposes to place the dredged material in an approved upland facility which most likely will be a USACE dredge material disposal island. Beach compatible material may be placed on Sunset Beach or the west end of Ocean Isle as a beneficial use for shoreline protection.

Mary's Creek and Turtle Creek are designated Primary Nursery Area's (PNA); however, both creeks have an established history of navigation improvements. The most recent event occurred under DCM permit 22-02, which authorized maintenance dredging in both creeks. The permits expired in 2005 but allowed excavation throughout each creek. No other portion of the work area lies within a designated PNA.

Town of Sunset Beach  
2016 Shoreline Management & Pre-Dredge Analysis  
Project Narrative & Site Plan

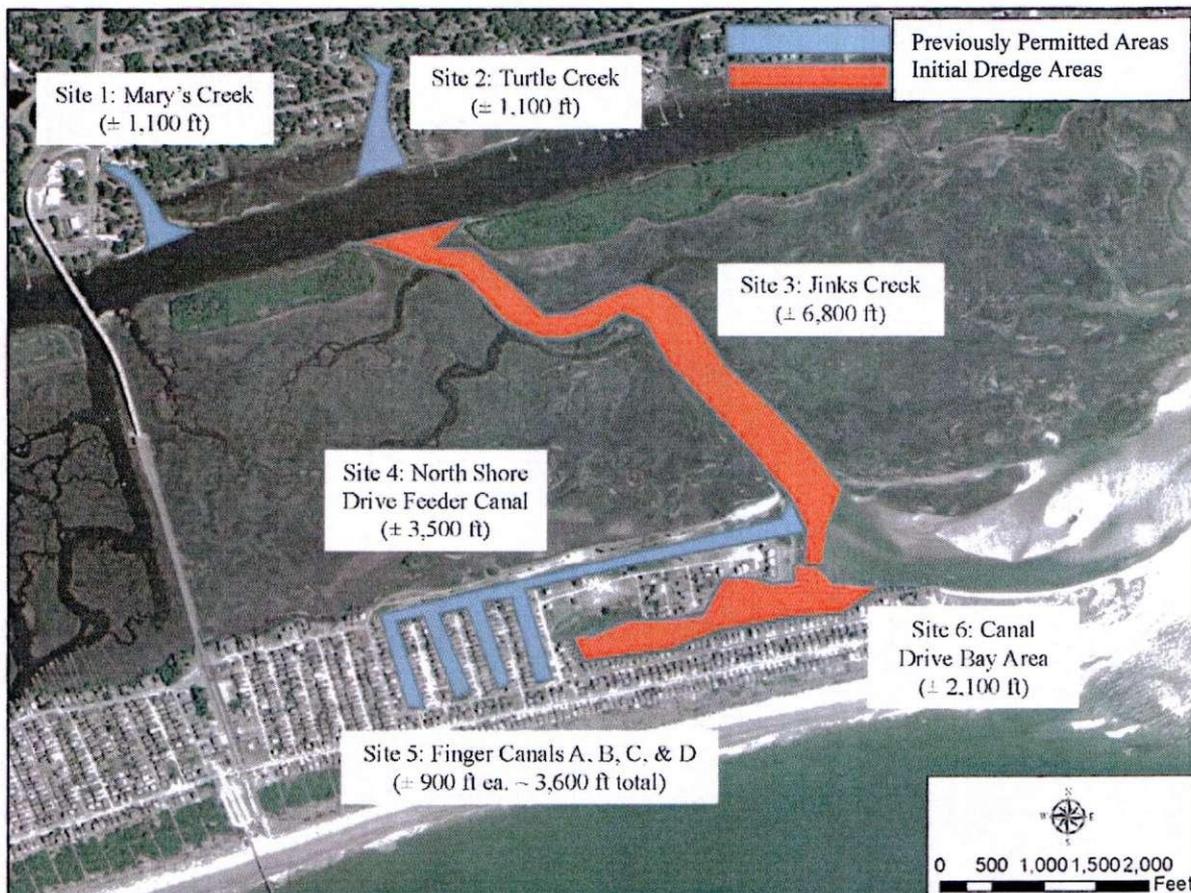


Figure 1. Sunset Beach 2016 Shoreline Management & Pre-Dredge Analysis Site Plan

**Project Name: Town of Sunset Beach 2016 Shoreline Management & Pre-Dredge Analysis**

|  | DWR              | Local Match      | Other Non-Federal Match | Federal Contribution | Match Total      | Category Total                                  |
|--|------------------|------------------|-------------------------|----------------------|------------------|---|
| <b>0.00% Administration</b>                  |                  |                  |                         |                      |                  |   |
| Cash   |                  |                  |                         |                      | -                | -   |
| In-kind                                      |                  |                  |                         |                      | -                | -   |
| <b>5.81% Feasibility &amp; Design</b>        |                  |                  |                         |                      |                  |   |
| Cash   | 161,404          | 80,702           |                         |                      | 80,702           | 242,106   |
| In-kind                                      |                  |                  |                         |                      | -                | -   |
| <b>3.34% Permitting</b>                      |                  |                  |                         |                      |                  |   |
| Cash   | 92,923           | 46,461           |                         |                      | 46,461           | 139,384   |
| In-kind                                      |                  |                  |                         |                      | -                | -   |
| <b>0.00% Survey</b>                          |                  |                  |                         |                      |                  |   |
| Cash   |                  |                  |                         |                      | -                | -   |
| In-kind                                      |                  |                  |                         |                      | -                | -   |
| <b>1.62% Construction Oversight</b>          |                  |                  |                         |                      |                  |   |
| Cash   | 45,000           | 22,500           |                         |                      | 22,500           | 67,500  |
| In-kind                                      |                  |                  |                         |                      | -                | -   |
| <b>86.35% Construction</b>                   |                  |                  |                         |                      |                  |   |
| Cash   | 2,400,000        | 1,200,000        |                         |                      | 1,200,000        | 3,600,000                                       |
| In-kind                                      |                  |                  |                         |                      | -                | -   |
| <b>0.00% Construction Materials</b>          |                  |                  |                         |                      |                  |   |
| Cash   |                  |                  |                         |                      | -                | -   |
| In-kind                                      |                  |                  |                         |                      | -                | -   |
| <b>0.00% Plant Materials</b>                 |                  |                  |                         |                      |                  |   |
| Cash   |                  |                  |                         |                      | -                | -   |
| In-kind                                      |                  |                  |                         |                      | -                | -   |
| <b>0.00% Education</b>                       |                  |                  |                         |                      |                  |   |
| Cash   |                  |                  |                         |                      | -                | -   |
| In-kind                                      |                  |                  |                         |                      | -                | -   |
| <b>2.88% Monitoring</b>                      |                  |                  |                         |                      |                  |   |
| Cash   | 80,000           | 40,000           |                         |                      | 40,000           | 120,000   |
| In-kind                                      |                  |                  |                         |                      | -                | -   |
| <b>0.00% Land</b>                            |                  |                  |                         |                      |                  |   |
| Cash   |                  |                  |                         |                      | -                | -   |
| In-kind                                      |                  |                  |                         |                      | -                | -   |
| <b>Cash Sub-total</b>                        | <b>2,779,327</b> | <b>1,389,663</b> | <b>-</b>                | <b>-</b>             | <b>1,389,663</b> | <b>4,168,990</b>                                |
| <b>In-kind Sub-total</b>                     | <b>-</b>         | <b>-</b>         | <b>-</b>                | <b>-</b>             | <b>-</b>         | <b>-</b>  |
| <b>Total</b>                                 | <b>2,779,327</b> | <b>1,389,663</b> | <b>-</b>                | <b>-</b>             | <b>1,389,663</b> | <b>4,168,990</b>                                |
| <b>DWR Total =</b>                           | <b>2,779,327</b> |                  |                         |                      | <b>1,389,663</b> | <b>4,168,990</b>                                |
| <b>Match Total + DWR Total =</b>             | <b>4,168,990</b> |                  |                         |                      | <b>33.33%</b>    | <b>= Match Total/Category Total</b>             |
| <b>Match Total/Match Total + DWR Total =</b> | <b>33.33%</b>    |                  |                         |                      | <b>100.00%</b>   | <b>= Match Total + DWR Total/Category Total</b> |